



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/811,244
Source: TFW0
Date Processed by STIC: 10/29/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004

TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt

Output Set: N:\CRF4\10292004\J811244.raw

3 <110> APPLICANT: Khanuja, Suman Preet Singh
 4 Paul, Shilpi
 5 Shasany, Ajit Kumar
 6 Gupta, Anil Kumar
 7 Darokar, Mahendra Pandurang
 9 <120> TITLE OF INVENTION: HIGH ARTEMISININ YIELDING PLANT GENOTYPE 'CIM-AROGYA'
 11 <130> FILE REFERENCE: U 015108-9
 13 <140> CURRENT APPLICATION NUMBER: 10/811,244
 14 <141> CURRENT FILING DATE: 2004-03-26
 16 <160> NUMBER OF SEQ ID NOS: 23
 18 <170> SOFTWARE: PatentIn version 3.3
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 10
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: MAP Primer
 28 <400> SEQUENCE: 1
 29 aaatcgaggc
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 10
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Artificial
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: MAP Primer
 40 <400> SEQUENCE: 2
 41 gtcctactcg
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 10
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Artificial
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: MAP Primer
 52 <400> SEQUENCE: 3
 53 gtccttagcg
 56 <210> SEQ ID NO: 4
 57 <211> LENGTH: 10
 58 <212> TYPE: DNA
 C--> 59 <213> ORGANISM: Artificial
 W--> 61 <220> FEATURE:
 W--> 61 <223> OTHER INFORMATION:
 W--> 61 <400> 4
 62 tgcgcgatcg

(P.S.1-2)2

10

10

10

Artificial

pls insert <220> - <223> whenever

response is

Artificial/Unknown

See error explanation <213> response is
 ON PAGE 6.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004
TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

65 <210> SEQ ID NO: 5
66 <211> LENGTH: 10
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial
70 <220> FEATURE:
71 <223> OTHER INFORMATION: MAP Primer
73 <400> SEQUENCE: 5
74 aacgtacgcg
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 10
79 <212> TYPE: DNA
C--> 80 <213> ORGANISM: Artificial
W--> 82 <220> FEATURE:
W--> 82 <223> OTHER INFORMATION:
W--> 82 <400> 6
83 gcacgcccga
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 10
88 <212> TYPE: DNA
C--> 89 <213> ORGANISM: Artificial
W--> 91 <220> FEATURE:
W--> 91 <223> OTHER INFORMATION:
W--> 91 <400> 7
92 caccctgcgc
95 <210> SEQ ID NO: 8
96 <211> LENGTH: 10
97 <212> TYPE: DNA
C--> 98 <213> ORGANISM: Artificial
W--> 100 <220> FEATURE:
W--> 100 <223> OTHER INFORMATION:
W--> 100 <400> 8
101 ctatcgccgc
104 <210> SEQ ID NO: 9
105 <211> LENGTH: 10
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial
109 <220> FEATURE:
110 <223> OTHER INFORMATION: MAP Primer
112 <400> SEQUENCE: 9
113 cgggatccgc
116 <210> SEQ ID NO: 10
117 <211> LENGTH: 10
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial
121 <220> FEATURE:
122 <223> OTHER INFORMATION: MAP Primer
124 <400> SEQUENCE: 10
125 gcgaattcccg
128 <210> SEQ ID NO: 11

Artificial

Insert

10

2 Artificial

Inset

10

Artificial

Insert

See error
explanation
on page 6.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/811,244
DATE: 10/29/2004
TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

129 <211> LENGTH: 10
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial
133 <220> FEATURE:
134 <223> OTHER INFORMATION: MAP Primer
136 <400> SEQUENCE: 11
137 ccctgcaggc 10
140 <210> SEQ ID NO: 12
141 <211> LENGTH: 10
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial
145 <220> FEATURE:
146 <223> OTHER INFORMATION: MAP Primer
148 <400> SEQUENCE: 12
149 ccaagcttgc 10
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 10
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial
157 <220> FEATURE:
158 <223> OTHER INFORMATION: MAP Primer
160 <400> SEQUENCE: 13
161 gtgcaatgag 10
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 10
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial
169 <220> FEATURE:
170 <223> OTHER INFORMATION: MAP Primer
172 <400> SEQUENCE: 14
173 aggatacgtg 10
176 <210> SEQ ID NO: 15
177 <211> LENGTH: 10
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial
181 <220> FEATURE:
182 <223> OTHER INFORMATION: MAP Primer
184 <400> SEQUENCE: 15
185 aagatagcgg 10
188 <210> SEQ ID NO: 16
189 <211> LENGTH: 10
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial
193 <220> FEATURE:
194 <223> OTHER INFORMATION: MAP Primer
196 <400> SEQUENCE: 16
197 ggatctgaac 10
200 <210> SEQ ID NO: 17
201 <211> LENGTH: 10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004

TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt

Output Set: N:\CRF4\10292004\J811244.raw

202 <212> TYPE: DNA
 203 <213> ORGANISM: Artificial
 205 <220> FEATURE:
 206 <223> OTHER INFORMATION: MAP Primer
 208 <400> SEQUENCE: 17
 209 ttgtctcagg 10
 212 <210> SEQ ID NO: 18
 213 <211> LENGTH: 10
 214 <212> TYPE: DNA
 215 <213> ORGANISM: Artificial
 217 <220> FEATURE:
 218 <223> OTHER INFORMATION: MAP Primer
 220 <400> SEQUENCE: 18
 221 catcccgaac 10
 224 <210> SEQ ID NO: 19
 225 <211> LENGTH: 10
 226 <212> TYPE: DNA
 227 <213> ORGANISM: Artificial
 229 <220> FEATURE:
 230 <223> OTHER INFORMATION: MAP Primer
 232 <400> SEQUENCE: 19
 233 ggactccacg 10
 236 <210> SEQ ID NO: 20
 237 <211> LENGTH: 10
 238 <212> TYPE: DNA
 239 <213> ORGANISM: Artificial
 241 <220> FEATURE:
 242 <223> OTHER INFORMATION: MAP Primer
 244 <400> SEQUENCE: 20
 245 agcctgacgc 10
 248 <210> SEQ ID NO: 21
 249 <211> LENGTH: 932
 250 <212> TYPE: DNA
 251 <213> ORGANISM: Artificial
 253 <220> FEATURE:
 254 <223> OTHER INFORMATION: MAP Primer
 256 <400> SEQUENCE: 21
 257 aagcttgctg aacgcacatcggt tgttactgcc gcagcccggt aactcagccgt gtatgaatca 60
 259 caactctaca actggcgccag taaacagccaa aatcagcaga cgtcttctga acgtgaactg 120
 261 gagatgtcta ccgagattgc acgtctcaaa cgccagctgg cagaacggga tgaagagctg 180
 263 gctatcctcc aaaaggccgc gacatacttc gcgaagcgcc tggaaatgaag tatgtcttta 240
 265 ttgaaaaaca tcaggctgag ttcagcatca aagcaatgtg ccgcgtgctc cgggtggccc 300
 267 gcagcggctg gtatacgtgg gtgtcagcgg cggacaagga taagcccgcc taagcagtcc 360
 269 cgccaaacact gcacaggggg ttgtctcgcc gggtttaccc cgggtcaaac aagcgttacc 420
 271 ggtgccccac gcttgaccgg atgacactcggt gtgctcagggt ttacccttta acgtaaaaaaaa 480
 273 cccgtggccgg caagcttgcgc cggtcaggga ctgaaggccaa aggcctcccg gaagttcagc 540
 275 cccgtcagct accgcggcac acggggcctgc ctgtgtcaga aaatctgttgc gagcaggatt 600
 277 ttacgccccaa gtggcccgaa ccagaagtgg gcaggagaca tcacgtactt acgtacagat 660
 279 gaaggctggc tgtatctggc agtggtcatt gacctgtggt cacgtgcgtt tattggctgg 720

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004
TIME: 11:58:18

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

281	tcaatgtcgc cacgcatgac ggcgcaactg gcctgcgatg ccctgcagat ggcgctgtgg	780
283	cggcgtaaga ggccccggaa cgttatcgtt cacacggacc gtggaggcca gtactgttca	840
285	gcagattatc aggcgcaact gaagcgcat aatctgcgtg gaagtatgag cgcaaaagg	900
287	tgctgctacg ataatgcctg cgtggaaagc tt	932
290	<210> SEQ ID NO: 22	
291	<211> LENGTH: 22	
292	<212> TYPE: DNA	
293	<213> ORGANISM: Artificial	
295	<220> FEATURE:	
296	<223> OTHER INFORMATION: MAP Primer	
298	<400> SEQUENCE: 22	
299	ccaagcttgc tgaacgcata gg	22
302	<210> SEQ ID NO: 23	
303	<211> LENGTH: 26	
304	<212> TYPE: DNA	
305	<213> ORGANISM: Artificial	
307	<220> FEATURE:	
308	<223> OTHER INFORMATION: MAP Primer	
310	<400> SEQUENCE: 23	
311	ccaagcttgc cacgcaggc attatc	26

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004
TIME: 11:58:19

Input Set : A:\U0151059.ST25.txt
Output Set: N:\CRF4\10292004\J811244.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,5,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23

Use of <220> Feature(NEW RULES):

Error Explanation: 2

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:4,6,7,8

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/811,244

DATE: 10/29/2004

TIME: 11:58:19

Input Set : A:\U0151059.ST25.txt

Output Set: N:\CRF4\10292004\J811244.raw

L:59 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:61 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence

L:61 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence

L:61 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:61

L:80 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6

L:82 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence

L:82 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence

L:82 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:82

L:89 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7

L:91 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence

L:91 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence

L:91 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:91

L:98 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8

L:100 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence

L:100 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence

L:100 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:100